Power Bead Inductors - MHC110709 Series

Meisongbei



Features

- Soldered construction for low radiation
- High performance (Isat) with low noise

Package

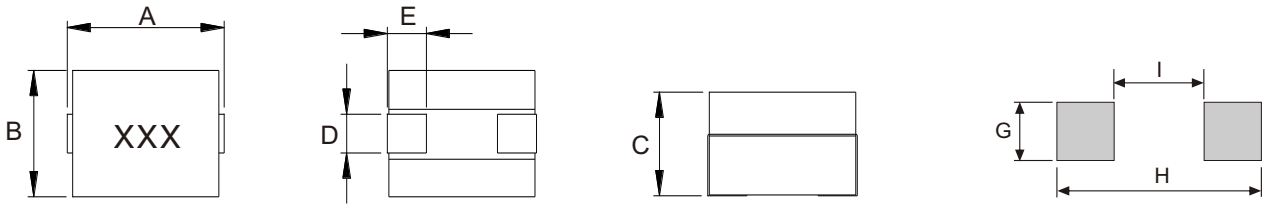
- 450PCS/Reel

General Specifications

- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)



Type	A	B	C	D	E	G	I	H
MHC110709	9.8 ± 0.5	7.5 ± 0.5	9.0 Max	2.0 ± 0.2	3.3 ± 0.5	2.30	4.50	11.60

Electrical Characteristics For MHC110709 Series

Part Number	Inductance [nH]	DCR [mΩ]	Isat(typ.) [A]	Irms(typ.) [A]
MHC110709-R15L	150 ±15%	0.29 ±7%	75	44
MHC110709-R21L	210 ±15%	0.29 ±7%	57	44
MHC110709-R28L	280 ±15%	0.29 ±7%	40	44
MHC110709-R29M	290 ±15%	0.29 ±7%	36	44
MHC110709-R36M	360 ±15%	0.29 ±7%	30	44
MHC110709-R39M	390 ±15%	0.29 ±7%	24	44
MHC110709-R40M	400 ±15%	0.29 ±7%	20	44

- Inductance tested at 100kHz, 1Vrms
- Heat Rating Current (Irms): Current that cause the temperature 40°C rise from 25°C
- Saturation Current (Isat): DC current at which the inductance drops 20% from its value without current